Third United Nations International Conference on the Peaceful Uses of Atomic Energy

A/CONF.28/A/318
USSR
February 1964
Original: RUSSIAN

Confidential until official release during Conference

Abstract

THERMOELECTRICAL GENERATOR WITH ISOTOPIC HEAT SOURCE

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The design of thermoelectric generator operating in vacuum is presented in the paper. The description of the isotopic heat source of the thermoelectric generator on the high temperature thermoelectric material base.

The test method of the device and the test stand desciption are given.

The stand test results (volt-amper characteristics, temperature distribution, the device activity and so on) are presented in tables and diagrams.

Translation provided by courtesy of the submitting Government